

PUBLIC NOTICE

PERMIT APPLICATION: NRS 06.322

APPLICANT: Crew Investment Properties
7556 Raleigh-LaGrange Road
Cordova, TN 38018
(901) 756-2822

LOCATION: Collins Creek and unnamed tributaries, located east of I-24 and Hickory Hollow Parkway at the unimproved property known as the Crossings Industrial Park in southern Davidson County 36.0392°N/86.6417°W

WATERSHED DESCRIPTION: Mill Creek Watershed. Collins Creek is 303(d) listed as impaired for loss of biological integrity due to siltation. The section to be impacted is intermittent. The Nashville Crayfish are known to live in this watershed. However, the species has not been found in the immediate area of impact.

PROJECT DESCRIPTION: Previously, the Division allowed approximately 480 feet of stream to be relocated and an additional encapsulation of 105 feet of the relocated channel, separating the relocated channel into two reaches, upstream and downstream of the crossing culvert. It has been difficult to establish vegetation and maintain the portion of the relocated channel downstream of the crossing culvert. As such, the applicant proposes to encapsulate 170 feet of the relocated channel and fill the surrounding area up to a grade consistent with the rest of the site. Approximately 205 feet of the relocated channel would remain upstream of the crossing culvert. The remaining 275 feet of required mitigation will be satisfied by completing a stream restoration project on a nearby parcel also owned by the applicant. The proposed stream restoration would replace cement-lined channels with natural channels on reaches of Collins Creek and two unnamed tributaries. The three reaches of cement-lined channel total approximately 1045 feet. New, meandering channels would replace the straight cement-lined channels. The area currently serves as a stormwater detention basin, and as such, requires that channels be excavated to ensure adequate detention volume will be retained in the basin. Native species will be planted in three vegetative zones. These plantings will extend 45 feet from the edge of the base flow channel in three distinct zones. The first will extend 1 to 15 feet and will consist primarily of trees planted at a density consistent with a 10-foot center average with some shrubs and herbaceous species. The second zone will consist of a mix of herbaceous, shrub and tree species. The trees will be planted at a density based upon 30-foot center average. The third zone will consist of herbaceous and shrub species. Upper banks will be graded to establish a natural contour and stabilized with erosion control matting to protect soil from erosion while herbaceous and woody material establish on the banks.

In accordance with the Tennessee Antidegradation Statement (Rule 1200-4-3-.06), the division has determined that the proposed activity will not result in degradation to water quality.

USGS TOPOGRAPHIC QUADRANGLE: Antioch Quad (311-SW)

PERMIT COORDINATOR: Kelly Morrison

No decision has been made whether to issue or deny this permit. The purpose of this notice is to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. Persons wishing to comment on the proposal are invited to submit written comments to the department. Written comments must be received within **thirty days of the date that this notice is posted**. Comments will become part of

the record and will be considered in the final decision. The applicant's name and permit number should be referenced.

Interested persons may also request in writing that the department hold a public hearing on this application. The request must be filed within the comment period, indicate the interest of the person requesting it, the reasons that the hearing is warranted, and the water quality issues being raised. When there is sufficient public interest in water quality issues, the department will hold a public hearing.

The permit application, supporting documentation including detailed plans and maps, and related comments are available at the department's address for review and/or copying. The department's address is:

Tennessee Department of Environment & Conservation
Division of Water Pollution Control, Natural Resources Section
7th Floor L & C Annex
401 Church Street
Nashville, TN 37243

In deciding whether to issue or deny a permit, the department will consider all comments on record and the requirements of applicable federal and state laws.

Topo Map

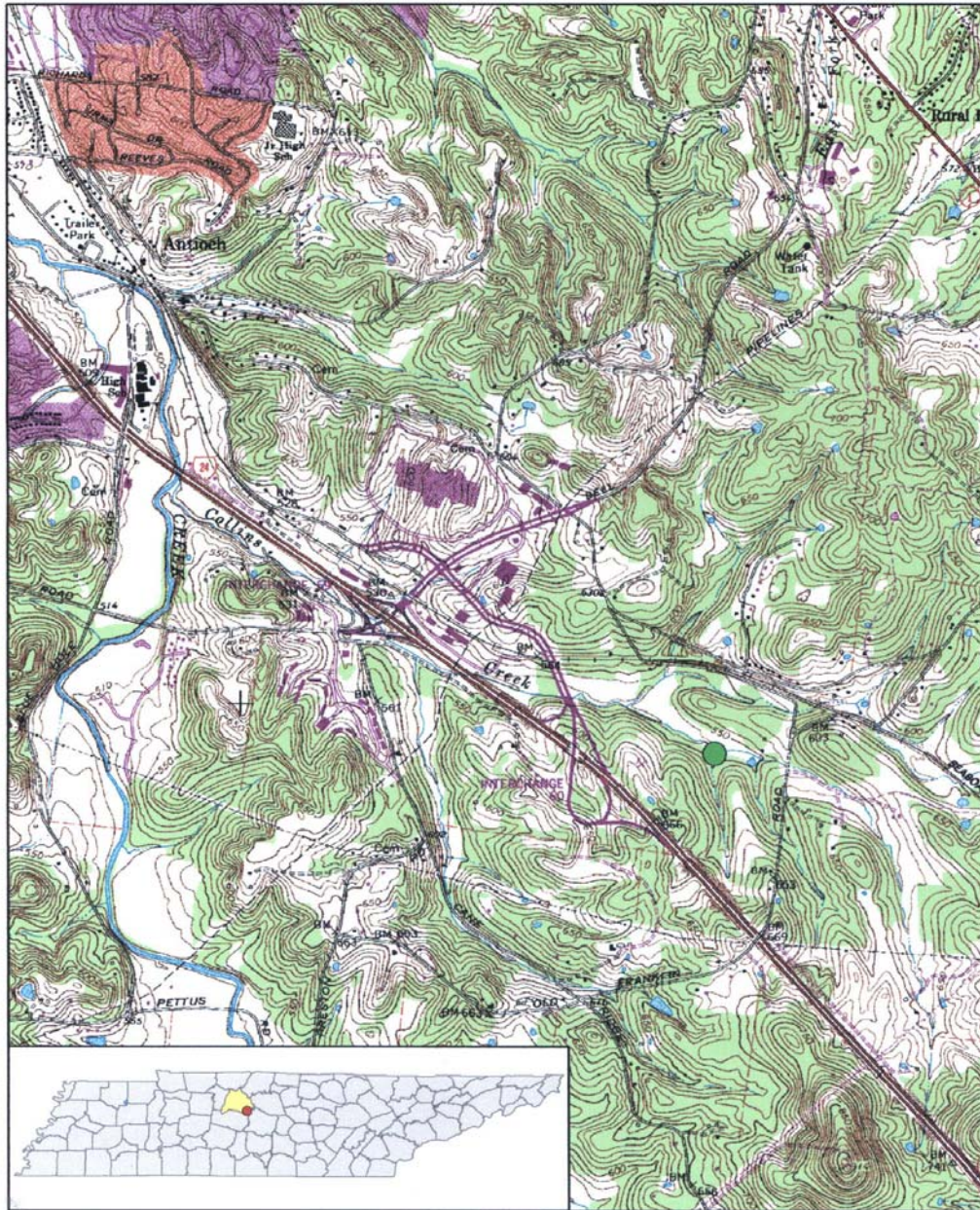


Figure 1. Project Location in Davidson County, Tennessee,
USGS Antioch Ortho Quad

BDY Breedlove, Dennis, Young & Associates, Inc.
133 Holiday Court / Suite 210 Franklin, Tennessee 37067 P: 615.599.1996 F: 615.599.1998

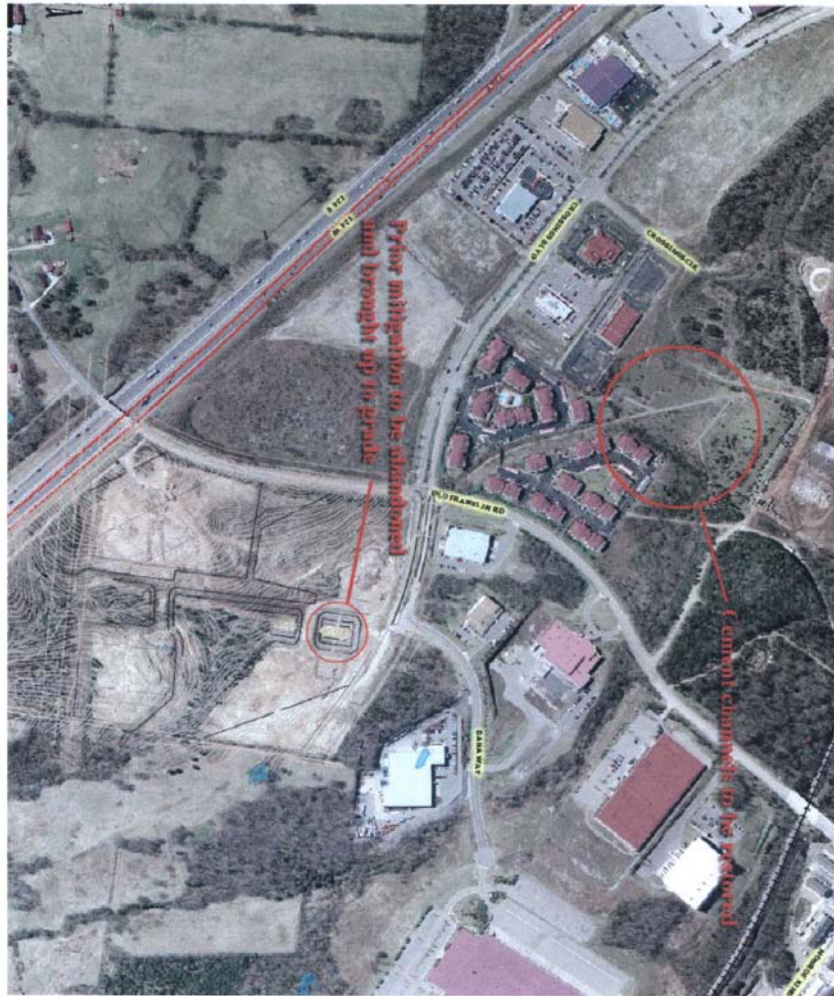


Figure 2. Locations of Proposed Channel Restoration and Modifications to Prior Relocated Channel

Figure 3b. Design Details

